We can solve a linear system of equations Ax = Vfory) and backward substitution (to solve for x) Step 1: Using the mylo function to compute the LV factorization of watrix A, we get 2 matrices which are Land V where !: Lower Hiangular, U: Upper triangular such that A = LV [L, U] = my ((A)) step2: Next we can utilise the fudSubst function to solve for y in Ly = b. [[]] x = b. Substitute Ux as 'y' [Ux = y] Where L: Lower Trangular matrix The The b. right-hand side vector Step 3: Now that we have y, we can solve for x in equation Ux = 4 using backward substitution We can use the 'backSubst' function to solve for x by performing backward substitution X= backSubst (U,y) where U: Upper triangular matrix y: Solution veiter obtained from forward substitution. After performing the above steps (step 1-3) the variable is will contain the solution to the linear system Ax = h